Choice of blinds

**Activation causes the skylight to close faster than normal operation.**

* For roofs below 15° pitch, skylights need to be raised to 15° and custom flashed. VELUX can assist with technical advice and drawings.

**Close the skylight once rain is detected**.

Externally mounted rain sensors automatically
controller for skylight operation.

The VSS Solar Powered Skylight comes complete with a pre-paired radio frequency
cardinal glass (0.76 PVB inter
layer).

**Benefits:**
- Radiant heat block: Complete window approx 80%
- UV Harmful rays block: Complete glass only approx 99%
- WERS rating: Complete glass only 5 stars
- Double layer of Low-E™ coating: Complete skylight
- 10 year warranty on insulated glass seal: Complete skylight
- Reduced cleaning frequency: Complete skylight

**Australian Standard AS1288**
Laminated glass (standard with VSS) must be used for skylights installed 3m or more above floor level.

**NEAT™ Photocatalytic Coating**
- Silicone Dioxide/Titanium Dioxide coating reacts with the sun’s UV rays to decompose surface organic dirt before rinsing away with the next shower of rain, thereby reducing cleaning frequency.
- The coating also makes the glass surface smoother, so water disperses evenly, sheets off, and evaporates quickly; thereby minimising water spotting on the pane.

**High Performance Double Glazing**
- Outer – 3mm toughened Low-E® coated Cardinal glass.
- Cavity – 9mm sealed Argon gas space.
- Inner – 5.36mm clear laminated Cardinal glass (0.76% PVB inter layer).
- NEAT™ Coating on outer pane reduces cleaning frequency.
- Warm edge technology increases energy efficiency.

**Construction**
Quality frame made from Ponderosa pine. Factory treated with a base preservative
to reduce mould and mildew.
Further treated with paint (2 coats) for a clean white interior finish.

**Wireless control**
The VSS Solar Powered Skylight comes complete with a pre-paired radio frequency
controller for skylight operation.

Externally mounted rain sensors automatically close the skylight once rain is detected**.

**VELUX ACTIVE**
Indoor climate control (sold separately)
- Sensor-based ventilation: Smart sensors continuously monitor temperature, humidity and CO₂ levels and open or close your skylights accordingly.
- Stay in control: Use the app to operate your skylights and blinds using your smartphone.

**Technical Values**
- U-value (W/m²K): Complete skylight 2.50
  Glass only 1.93
- Solar Heat Gain Co-efficient: Complete skylight 0.21
  Glass only 0.28
- Visible Light Transmittance: Complete skylight 0.48
- Luminous Efficacy (Ke = VT/SHGC): Complete skylight 2.29
- Acoustic performance: Complete skylight 32dB®

**Energy rating**
VSS Skylights have been energy rated in accordance with the Skylight Energy Rating Scheme (WERS).

**Maximum 5 stars**
Summer Ratings
4.5 out of 5 stars for Winter Rating.
4.5 out of 5 stars for Cool Daylight in Summer.

**Code Mark**
Australia’s Code Mark is a voluntary certification scheme owned by the Commonwealth of Australia that provides legally binding evidence of compliance to the Building Code of Australia. One certificate replaces dozens of technical papers.
Choice of solar powered blinds

The thermal performance of VSS Skylights can be enhanced with the inclusion of a blind. Different levels of light and heat control are available by using either Blockout or Honeycomb blinds. Tailor-made to fit perfectly to each size of skylight, they are easy to install and are supplied with aluminium side channels allowing blinds to be positioned at any point on the skylight.

No additional electrical control system required when adding blinds. (Blinds supplied with remote control).

Blockout blinds

- Provides blockout from light.
- Colour: White on internal side. Silver coating on external side.
- Materials: Light-tight polyester with heat resistant coating. Aluminium side channels and top cover.
- Reduce light by approx 100%.
- Reduce heat by approx 40%.^  
- Easy to fit using VELUX Pick&Click® system.

Honeycomb blinds

- Adds a decorative effect.
- Colour: White on both sides.
- Materials: Double layered pleats (polyester) form a 'honeycomb' structure. Inner faces of honeycomb structure have aluminium coating.
- Reduce light by up to 95%.
- Reduce heat by approx 60%.^  
- Easy to fit using VELUX Pick&Click® system.

EDW flashing

EDW flashing is used for skylights installed into tiled roofs and low profiled metal roofs (such as corrugated iron and spandek – not suitable for metal profiles such as Klip-Lok, Trimdek).

EDL flashing

EDL flashing is used for skylights installed into slate or shingle roofs – typically 4-8mm thick. 'L' shaped sections are provided that act as soaker pieces on either side of the skylight.

EKW combination flashing

Designed for installing multiple skylights side-by-side.^  
Soylights must be spaced 100mm apart. EKW suitable for same roofs as EDW flashing.

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VSS – frame and glazing dimensions

<table>
<thead>
<tr>
<th>Product/size code</th>
<th>Overall frame size w×h – mm</th>
<th>Internal glass size w×h – mm</th>
<th>Daylight area (M²)</th>
<th>Ventilation area (M²)</th>
<th>Weight in kg*</th>
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</thead>
<tbody>
<tr>
<td>C01</td>
<td>550x700</td>
<td>407x519</td>
<td>0.21</td>
<td>0.24</td>
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<tr>
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</tr>
</tbody>
</table>

Skylights can only be installed as per orientation depicted above.

NB For roofs below 15° pitch, skylights need to be raised to 10° and custom flashed. VELUX can assist with technical advice and drawings. (NB build-up not recommended in Bushfire areas.).

Blinds sold separately.